

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

Firoz Kanchwalla, David Lyle, Sujit Bais, Srinivasan Maadapusi,
Amol Dongre, and Premkumar Somakumar

APPLICATION NO.:

09/877,370

FILING DATE:

June 7, 2001

TITLE:

Method and Apparatus for Transporting Data for Data Warehouse
Applications that Incorporates Analytic Data Interface

EXAMINER:

Neveen Abel Jalil

GROUP ART UNIT:

2165

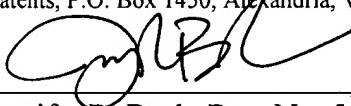
ATTY. DKT. NO.:

23402-09411

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated: December 8, 2005

By: 
Jennifer R. Bush, Reg. No. 50,784

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**INFORMATION DISCLOSURE STATEMENT
Under 37 CFR §§ 1.56 and 1.97-98**

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

12/14/2005 MBIZUNES 0000043 09877370

180.00 OP

01 FC:1806

- within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;
- after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; or (2) an action that otherwise closes prosecution in the application, and:
 - attached hereto is the fee set forth under 37 CFR § 1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
 - Applicant certifies pursuant to 37 CFR § 1.97(e) that:
 - each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
 - no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
 - Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
 - each item of information contained in this Information Disclosure Statement was cited in a communication from a

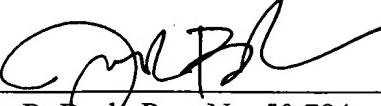
- foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND attached hereto is the fee set forth under 37 CFR § 1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(d); OR after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.
- This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. _____, filed on _____, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- This application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each U.S. Patent Application Publication are not required to be submitted. Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
- Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

PATENT

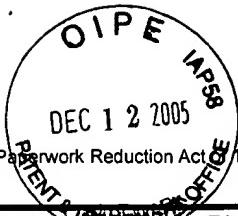
Consideration of the listed references and favorable action are solicited.

Respectfully submitted,
Firoz Kanchwala et al.

Dated: December 8, 2005

By: 

Jennifer R. Bush, Reg. No. 50,784
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application No.	09/877,370
Filing Date	June 7, 2001
First Named Inventor	Firoz Kanchwalla
Art Unit	2165
Examiner Name	Neveen Abel Jalil
Attorney Docket Number	23402-09411

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of

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U.S. PATENT DOCUMENTS

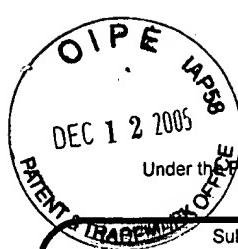
Examiner Initials*	Cite No. ¹	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-2002/0035565	03-2002	Shah et al.
	A2	US-2002/0056081	05-2002	Morley et al.
	A3	US-2002/0059267	05-2002	Shah et al.
	A4	US-2002/0077787	06-2002	Rappaport et al.
	A5	US-2002/0099691	07-2002	Lore et al.
	A6	US-2002/0112237	08-2002	Kelts, Brett R.
	A7	US-2002/0161770	10-2002	Shapiro et al.
	A8	US-2002/0172247	09-2003	Bayer et al.
	A9	US-5,403,147	04-1995	Tanaka
	A10	US-5,404,513	05-1995	Powers et al.
	A11	US-5,405,531	04-1995	Hitzman et al.
	A12	US-5,410,688	04-1995	Williams et al.
	A13	US-5,420,688	05-1994	Farah
	A14	US-5,455,945	10-1995	Vanderdrift
	A15	US-5,511,190	04-1996	Sharma et al.
	A16	US-5,519,859	05-1996	Grace
	A17	US-5,537,589	07-1996	Dalal
	A18	US-5,563,999	10-1996	Yaksich et al.
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	A22	US-5,689,566	11-1997	Nguyen, Minhtam
	A23	US-5,692,181	11-1997	Anand et al.
	A24	US-5,706,495	01-1998	Chadha et al.
	A25	US-5,708,828	01-1998	Coleman

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



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**INFORMATION DISCLOSURE
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Application No.	09/877,370
Filing Date	June 7, 2001
First Named Inventor	Firoz Kanchwalla
Art Unit	2165
Examiner Name	Neveen Abel Jalil
Attorney Docket Number	23402-09411

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U.S. PATENT DOCUMENTS

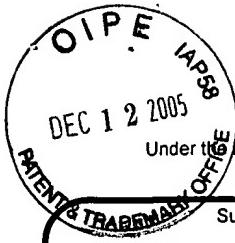
Examiner Initials*	Cite No. ¹	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A26	US-5,713,020	01-1998	Reiter et al.
	A27	US-5,721,903	02-1998	Anand et al.
	A28	US-5,721,911	02-1998	Ha et al.
	A29	US-5,778,355	07-1998	Boyer et al.
	A30	US-5,781,911	07-1998	Young et al.
	A31	US-5,787,415	07-1998	Jacobson et al.
	A32	US-5,794,030	08-1998	Morsi et al.
	A33	US-5,794,228	08-1998	French et al.
	A34	US-5,794,229	08-1998	French et al.
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	A36	US-5,799,310	08-1998	Anderson et al.
	A37	US-5,806,060	09-1998	Borgida et al.
	A38	US-5,822,751	10-1998	Gray et al.
	A39	US-5,826,258	10-1998	Gupta
	A40	US-5,832,496	11-1998	Anand et al.
	A41	US-5,842,213	11-1998	Odom et al.
	A42	US-5,848,415	12-1998	Guck, Randal
	A43	US-5,854,890	12-1998	Ramachandran et al.
	A44	US-5,857,197	01-1999	Mullins
	A45	US-5,870,746	02-1999	Knutson et al.
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	A47	US-5,873,102	02-1999	Bridge, Jr. et al.
	A48	US-5,884,262	03-1999	Wise et al.
	A49	US-5,898,431	04-1999	Bayles et al.
	A50	US-5,915,019	06-1999	Ginter et al.

Examiner Signature	Date Considered
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 3 of 12 Attorney Docket Number 23402-09411

Complete if Known

Application No.	09/877,370
Filing Date	June 7, 2001
First Named Inventor	Firoz Kanchwalla
Art Unit	2165
Examiner Name	Neveen Abel Jalil

U.S. PATENT DOCUMENTS

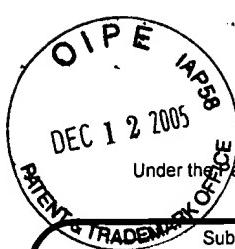
Examiner Initials*	Cite No. ¹	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A51	US-5,933,796	08-1999	Ashida et al.
	A52	US-5,982,890	11-1999	Akatsu, Masaharu
	A53	US-5,987,454	11-1999	Hobbs, Allen
	A54	US-5,991,742	11-1999	Tran, Bao Q.
	A55	US-6,002,402	12-1999	Schacher, John L.
	A56	US-6,003,024	12-19991	Bair et al.
	A57	US-6,014,670	01-2000	Zamanian et al.
	A58	US-6,026,388	02-2000	Liddy et al.
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	A60	US-6,032,158	02-2000	Mukhopadhyay et al.
	A61	US-6,044,374	03-2000	Nesamoney et al.
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	A65	US-6,119,167	09-2000	Boyle et al.
	A66	US-6,122,628	09-2000	Castelli et al.
	A67	US-6,128,624	10-2000	Papierniak et al.
	A68	US-6,141,699	10-2000	Luzzi et al.
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	A72	US-6,192,364 B1	02-2001	Baclawski
	A73	US-6,205,472	03-2001	Gilmour, David L.
	A74	US-6,208,990 B1	03-2001	Suresh et al.
	A75	US-6,216,125	04-2001	Johnson

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INFORMATION DISCLOSURE
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Application No.	09/877,370
Filing Date	June 7, 2001
First Named Inventor	Firoz Kanchwalla
Art Unit	2165
Examiner Name	Neveen Abel Jalil
Attorney Docket Number	23402-09411

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U.S. PATENT DOCUMENTS

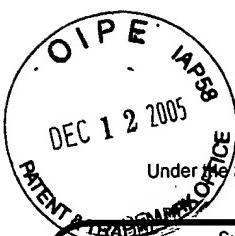
Examiner Initials*	Cite No. ¹	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A76	US-6,233,575	05-2001	Agrawal et al.
	A77	US-6,262,598 B1	08-2001	Lapp et al.
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	A99	US-6,449,619 B1	09-2002	Colliat et al.
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Application No.		09/877,370	
Filing Date		June 7, 2001	
First Named Inventor		Firoz Kanchwalla	
Art Unit		2165	
Examiner Name		Neveen Abel Jalil	
Attorney Docket Number		23402-09411	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
A101	US-6,466,969	10-2002	Bunney et al.	
A102	US-6,477,525	11-2002	Bello et al.	
A103	US-6,487,584	11-2002	Bunney, William	
A104	US-6,491,304	07-2003	Sitaraman et al.	
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A122	US-6,671,689 B2	12-2003	Papierniak	
A123	US-6,721,728	04-2004	McGreevy	
A124	US-6,736,870 B2	10-2003	Roccaforte, Raymond	

Examiner Signature	Date Considered
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Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Application No.	09/877,370
Filing Date	June 7, 2001
First Named Inventor	Firoz Kanchwalla
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Examiner Name	Neveen Abel Jalil
Attorney Docket Number	23402-09411

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	T ⁶
	B1	EP 0987868 A3	03-2000	Schwartz, Bruce V.	
	B2	EP 1043671 A2	10-2000	Bird et al.	
	B3	EP 1164511 A2	12-2001	Griffin et al.	
	B4	GB 2,350,758	12-2000	IBM	
	B5	GB 2,357,596	06-2001	University College London	
	B6	WO 00/04466	01-2000	Suresh, Sankaran	
	B7	WO 00/08581	02-2000	Harvest Technology Inc.	
	B8	WO 00/77707	12-2000	Star, Barry	
	B9	WO 01/18728	03-2001	GETAPPROVED COM LLC	
	B10	WO 01/20438	03-2001	Ericsson Inc.	
	B11	WO 01/24040	05-2001	HNC Software, Inc.	
	B12	WO 02/44953	06-2002	Intel Corp.	
	B13	WO 99/24922	05-1999	Zamanian, M et al.	

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	C1	24X7 The Magazine of Nonstop Computing, "Compaq's Zero Latency Enterprise Initiative," Vol. 1, No. 2, October 2000, pp. 1-25.	
	C2	"A Process for Selective Routing of Servlet Transcoding Modules," IBM Technical Disclosure Bulletin, Vol. 42, Issue 422, June 1999 UK.	
	C3	"Multi-Modal Data Access Research Disclosure, Kenneth Mason Publications, Hampshire, GB, No. 426, October 1999, pp. 133-1386.	

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Sheet	7 of 12
Attorney Docket Number	23402-09411

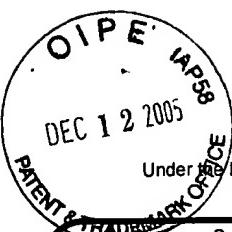
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	C5	Anand, V. J. et al. "Data Warehouse Architecture for DDS Applications." Australian Journal of Information Systems. Sep. 1996, AJIS Publishing, Australia, vol. 4, No. 1, pp. 43-53.	
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Sheet 8 of 12 Attorney Docket Number 23402-09411

Complete if Known

Application No.	09/877,370
Filing Date	June 7, 2001
First Named Inventor	Firoz Kanchwalla
Art Unit	2165
Examiner Name	Neveen Abel Jalil

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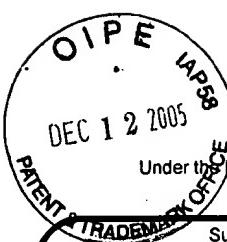
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

				Complete if Known
				Application No. 09/877,370
				Filing Date June 7, 2001
				First Named Inventor Firoz Kanchwalla
				Art Unit 2165
				Examiner Name Neveen Abel Jalil
Sheet	9	of	12	Attorney Docket Number 23402-09411

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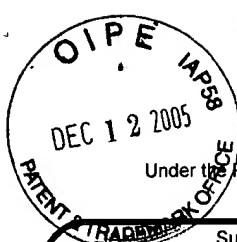
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	C32	Kovacs, L. et al., "Aqua: An Advanced User Interface for the Dienst Digital	

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Application No.	09/877,370
Filing Date	June 7, 2001
First Named Inventor	Firoz Kanchwalla
Art Unit	2165
Examiner Name	Neveen Abel Jalil

Sheet 10 of 12 Attorney Docket Number 23402-09411

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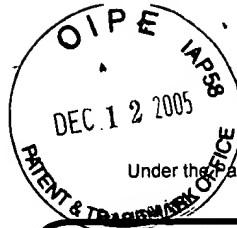
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Application No.	09/877,370
Filing Date	June 7, 2001
First Named Inventor	Firoz Kanchwalla
Art Unit	2165
Examiner Name	Neveen Abel Jalil
Attorney Docket Number	23402-09411

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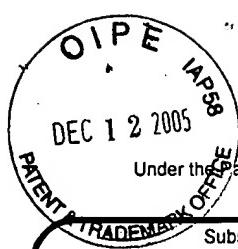
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Examiner Name	Neveen Abel Jalil
Attorney Docket Number	23402-09411

Sheet

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	C54	Informatica Corporation, Release Notes, PowerCenter 1.6, PowerMart 4.6, August 1999, pp. 1-30.	
	C55	Informatica Corporation, User Guide, PowerCenter 1.6, PowerMart 4.6, July 1999, pp. i-xxvii and 144-186 (Table of Contents, Preface, Chapters 6 & 7).	

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